HERRAJES PATRICIOS S.A.

Home Systems
EZON

Inspire the World, Create the Future

Samsung Ezon's Home Security

Home Systems
EZON

Every home is a picture called "Happiness"
Samsung Ezon safeguards every home.

Samsung Ezon is a network partner that guarantees the safety and convenience of your home, from anywhere and at any time. Samsung Ezon offers communications channels that connect heart to heart, and people to their future. With Samsung Ezon, every home can be a portrait of happiness. The dreams and the future of every family are enabled through the advanced IT technology of Samsung Ezon.

Samsung Ezon Home Network Security Best Design Ubiquitous

Home Systems
EZON

Samsung Ezon's System of Digital Door Locks and Video Intercom guarantees the safety and convenience of your home.

From Single House, High rising Apartment to Mining Villages, Samsung Ezon's System can help you achieve your goals.

Digital Door Locks

- SHS-1320 Main or Side door.
- SHS-3120 Main or Side Door
- SHS-5120 Main Door
- SHS-7120 Audit Trail and Access Control.

Video Intercom

- SHT-3005
- SHT-3207
- SHT-3305

Samsung Ezon Home Network Security Best Design Ubiquitous

Home Systems
EZON
SHS - 1320

Touch the Pride

The innovative **EZON** Digital Door Lock with **Random Security Coding** SHS-1320

Pride of Modern _ Touch pad control technology · Slim and stylish black mirror screen

Pride of Digital _ Electrostatic discharge preventive technology · Built-in fire detection sensor

Samsung Ezon Home Network Security Best Design Ubiquitous

The world's First "Random Security Coding" for Added Security

Home Systems
EZON
SHS - 1320

01 Random Security Coding

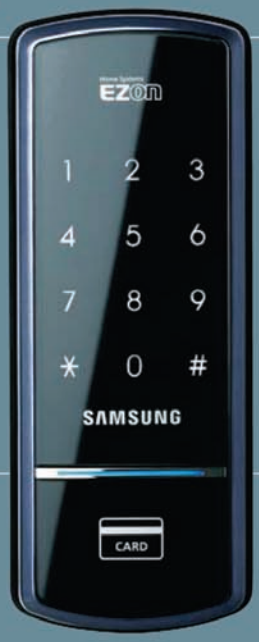
When you touch the door lock, 2 random numbers will flash on the keypad. After touching the random numbers, you can enter your own password. This innovative technology is for double security.

touch the panel slightly

touch the 2 random numbers

all numbers appear

enter your password



SHS-1320
Color : Black
Outbody : 68.7X175.1X21.5 (WxHxD) mm
Inbody : 180.7X91.5X48 (WxHxD) mm
Battery : 1.5V(AA) X 4EA

02 Methods of Entry

Password
The 5-12 digit password can be modified anytime

Smart Card
Credit cards or other cards that contain a smart chip

RF key tag
Place a key tag that contains a Mifare ISO14443 chip on the card reader.

03 Enhanced Features

Slim, digital keypad for your convenience / Does not require opening and closing of keypad cover.

Special high-gloss coating / It has a slick lustrous and graceful frame and number pad.

Digital Wave back-lighting / On-off method with back lighting is very sensitive and fantastic for your enjoyment.

Electrostatic Discharge(ESD) prevention / Uses a circuit technology that can withstand high voltage eletrostatic shocks for enhanced security.

Double-locking(Do not disturb mode) / Ensures that the lock cannot be released from outside when this feature is activated.

Manual lock and open / Adjust a manual knob on the indoor unit to open and lock the door.

Emergency external battery terminal

KS and KPS certified / Complies with quality and safety standard tests.

04 Specifications

Key Type	RF Card(13.56MHz RF chip/A Type) & PIN	Humidity	20% ~ 80%
User Capacity(Maximum)	20 Cards / 1 PIN combination	Power	DC 6V(Alkaline AA Battery 4pcs)
Password combination	5~12 Digits number combination	Battery lifetime	12 months(average of 10 uses per day)
Applicable door depth	40~60(mm)	Package size	208x260x85(mm:WxHxD)
Material	Zn, Al, ABS plastic, Tempered Glass		

Samsung Ezon — Home Network — Security — Best Design — Ubiquitous

Home Systems
EZON
SHS - 3120

“The Deadbolt of the 21st Century”

- Locksmith Ledger July 2009 -

Discover the New Ways of Keyless Life

Samsung's New Digital Deadbolt will change your family life with its slim and stylish touch keypad which is easy to enter the code.

SHS-3120

Samsung Ezon

Home Network

Security

Best Design

Ubiquitous

SAMSUNG Keyless Door Access Hardware

Home Systems
EZON
SHS - 3120

01 Random Security Coding

When the wakeup button is pressed, 2 random numbers will be displayed on the keypad. The random numbers must be pressed prior to entering a PIN code.(Optional user feature)

Press the wakeup button

Press the displayed numbers in any order

Keypad will display all numbers

Enter your PIN code

02 Methods of Entry

PIN Code
Changeable 4~12 digit PIN codes (70 PIN Codes)

RF Card
70 different cards or keyfobs

RF key tag
Place a key tag that contains a Mifare ISO14443 chip on the card reader.

03 Enhanced Features

Higher Security
Five consecutive attempts to access the lock with unauthorized PIN codes or card will activate the alarm and the keypad will lock for three minutes

Electro Static Discharge (E.S.D.) prevention
Protects circuit board from the damages incurred from high voltage shock

Vandal & Weather Resistant Body
Suitable for indoor or outdoor installation

Keypad Volume Control
Option of muting or 3 volume levels

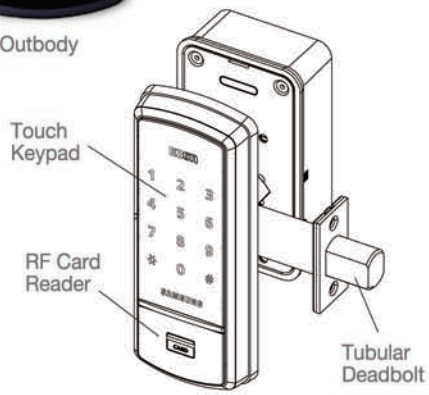
Low Battery Warning Signal
Replace batteries when a "beep" sound is heard during door access

Emergency battery terminal
Temporarily jump starts the lock with 9V battery

Structure

Outbody

Inbody



RF Card	Module type : RFID (ISO 14443A / 13.56MHz RF chip / 4ea) Capacity : Max.70 (when in use of RF card only)
PIN Code	Combination : 4~12 Digit number combination Capacity : Max.70 (when in use of PIN code only)
Material	Outbody : Al, ACRIL ,NBR Inbody : AL, PC ,ACRIL, SUS
Working temperature	-21°F(-30°C) ~ +140°F(+60°C)
Power	DC 6V (Alkaline AA Battery 4pcs)
Size	Outbody : 2.71 x 6.88 x 0.86 inch (W x H x D) 69 x 175 x 22 mm (W x H x D) Inbody : 2.95 x 5.23 x 1.96 inch (W x H x D) 75 x 133 x 50 mm (W x H x D)
Backset size	SHS-3120-60 : 2.38 inch (60 mm) SHS-3120-70 : 2.75 inch (70 mm)
Hole size	2.12 inch (54 mm)
Lock set	Tubular type Deadbolt (Equivalent Grade 1)
Application door thickness	1.37~1.96 inch (35~50 mm)

Home Systems
EZON

Your Security Digitalized

SHARK

SHS-2320

Enhanced Lock
Double Claw Bolt

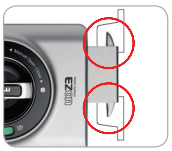
Intrusion Prevention
Infrared Ray Sensor

SAMSUNG Digital Door Lock SHARK SHS-2320

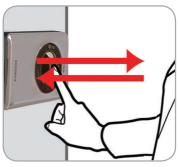
Enhanced Security

Enhanced Lock / Double Claw Bolt

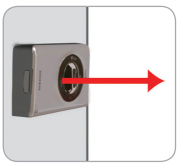
The addition of double claw bolts is a further measure to prevent forced intrusion, ensuring your safety.



Intrusion Prevention / Infrared Ray Sensor



The door can not be opened even if the Open/Close button is pressed inside unless the sensor detects inside movement.



[When break-in happens]
When the door is unlocked from the inside without sensing any movement inside, the door will not open.

Double Authorization Mode / Both Smart Card & Password

With double authorization mode set up, both password and card must be authenticated to open the door, strengthening security.

One Button - One Touch / Anti-theft Setup

When leaving, the user can set up the anti-theft function by simply pressing button, preventing any tempering by creating a warning sound.

Fingerprint Marks are No Longer a Concern

Passwords will be pressed after press two multi-leveled security codes, preventing intruders from checking the fingerprint marks left.

2 multi-leveled security codes appear before entering password

Press the password

Impossible to guess password due to random fingerprint mark

Convenient Accessibility

User Access Code

RFID Card or Key Tag

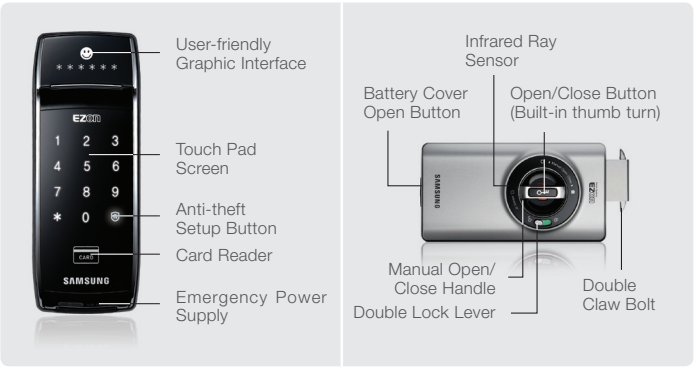
User-friendly Interface

User-friendly Graphic Interface

Using and managing the doorlock system is easier than ever before with simple icons indicating the relavant status.

- Low Battery Indicator
- Authorization/Setup Failure
- Intrusion/Fire/Security Breach Incident
- Double Lock Mode
- Authorization/Setup Success
- Word Count of Password Entered

Body Part Names



Specifications

Product	RF Card	Module Type:RFID (ISO 14443A/13.56MHz RF chip/2 pieces) Capacity:Maximum 20
	User Access Code	Combination:4~12 Digit Number Combination
	Material	Outer body:Aluminum, Acrylate and Nitrile Butadiene Rubber Inner body:Aluminum, Polycarbonate, Acrylate and Stainless Steel
	Power	DC 6V(4 AA Alkaline Batteries)
	Size	Outer body:65.2x170.5x22.5mm(WxHxD) Inner body:182x90x86mm(WxHxD)
Installation	Backset Size	207x260x86mm(WxHxD)
	Hole Size	32mm
	Lock Set	Claw Type Deadbolt
	Compatible Door Thickness	38mm~52mm

SEOUL COMMTECH CO., LTD.
MEMBER OF SAMSUNG
448-11, Seongnae3-Dong, Kangdong-Ku, Seoul, Korea 134-033
Tel +82-2-2225-6709 **Fax** +82-2-2225-6073
E-mail sales.ezon@samsung.com **Homepage** http://www.scommtech.com/en

Copyrights (c) 2010 SEOUL COMMTECH CO.,LTD All right reserved.

Home Systems
EZON

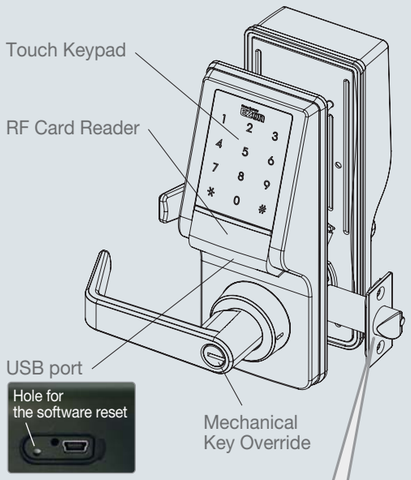
Touch the Pride

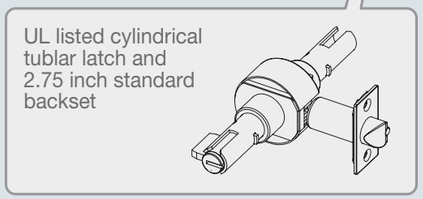
The innovative **EZON** Digital Door Lock with **Random Security Coding** SHS-**3420**

Pride of Modern _ Touch pad control technology · Slim and stylish black mirror screen

Pride of Digital _ Electrostatic discharge preventive technology · Built-in fire detection sensor

Structure





Specifications

Product	RF Card	Module type - **SHS-7020** : RFID (ISO14443A / 13.56MHz RF chip / 3ea) - **SHS-7120** : Compatible with most HID Proxcards® and Proxkey® keyfobs (37 bites or less) **Capacity** : Max. 250 (when in use of RF card only)
	PIN Code	**Combination** : 4~12 Digits number combination **Capacity** : Max. 250 (when in use of PIN code only)
	Mechanical override keys	3ea (UL listed)
	Material	**Outbody** : Zn, ACRIL, PC (Polycarbonate) **Inbody** : Zn, PC
	Power	- DC 12V - Alkaline AA Battery 5pcs - lifetime : about 12month (twenty times per day)
	size (outbody & inbody)	3.38 x 8.74 x 2.71 inch (W x H x D) (include the lever) 86 x 222 x 69 mm (W x H x D) (include the lever)
Installation	Backset size	2.75 inch (70mm)
	Hole size	2.12 inch (54mm)
	Lock set	Latch bolt cylinder type (UL listed)
	Applicable door depth	1.37~1.73 inch (35~44mm)

SEOUL COMMTECH CO., LTD.
A member of Samsung
http://www.scommtech.com/en

448-11, Seongnae3-Dong, Kangdong-Ku, Seoul, Korea 134-033
Tel +82-2-2225-6709 **Fax** +82-2-2225-6073 **E-mail** sales.ezon@samsung.com

Home Systems
EZON

Beyond Security

Samsung Digital Lock for Office Security & Access Control : SHS-7020/7120

Samsung's Security system provides for your home and office the ultimate protection with convenience and style

Unique style and exclusive design raise the standard of how door locks should look and feel.

Home Systems
EZON

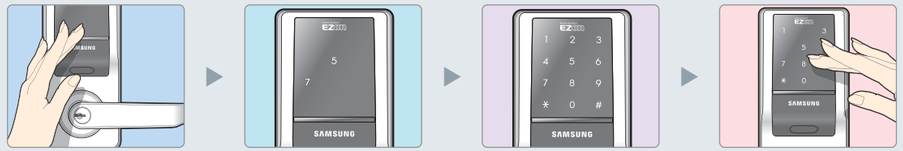
01 Methods of entry

1. User access code

- Support 250 user codes (4~12 digit codes with security random coding) and/or RFID/HID cards/keyfobs (RFID - 7020 & HID Prox. - 7120)
- Digital touch control keypad with a regulated voltage touch technology

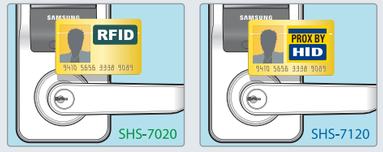
Random security coding

- When the wakeup button is pressed, 2 random numbers will be displayed on the keypad. The random numbers must be pressed prior to entering a PIN code



Press the wakeup button → Press the displayed numbers in any order → Keypad will display all numbers → Enter your PIN code

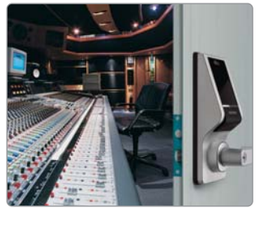
2. RFID or HID Proximity card



- Built-in RFID (SHS-7020) or HID Prox. (SHS-7120) reader module supports card/keyfobs access

3. Mechanical override keys

- Mechanical key can be used to access the lock during power failure (dead batteries) or electrical malfunction



02 Event Management & Access Control

Audit trail & PC programming

- Time & date stamped 5,000 events (audit trail) can be downloaded via USB data port using a cable
- Ability to program at the lock or through a PC-based software (quick and easy user enrollment/data transfer with the proprietary software)

Multi-level user program

- Supports : 1 master, 10 administrators, 240 regular users & 1 single access code
- Program/delete group or individual access schedules
- On/off passage mode

03 Enhanced Safety

Higher security

Three consecutive attempts to access the system with unauthorized user codes or card will activate the alarm and the keypad will lock for one minute.

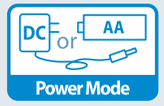
Electro Static Discharge (E.S.D) prevention

Protects circuit board from the damages incurred from high voltage shock.

Vandal & weather resistant body

Suitable for indoor and outdoor installation.

04 Convenient features



Supported by battery power or DC power

When DC power is down, batteries are used as a backup power

Emergency battery terminal

Temporarily jump starts the lock with 9V battery

Keypad volume control

Option of muting or 4 volume levels

Low battery warning signal

Replace batteries when a “beep” sound is heard during door access

Home Systems
EZON

SAMSUNG

Your Security Digitalized

reddot design award
winner 2010

SHS-6020 | Touch keypad technology / Innovative design / Enhanced security

Home Systems
EZON

Who is it?

The Lock Knows Who Opens

SAMSUNG
Fingerprint Digital Door Lock

SHS-5230

SAMSUNG Fingerprint Digital Door Lock SHS-5230

Home Systems EZON

Convenient Features

- **Wide Touch Pad Screen**
- **Automatic Sliding Cover**
  The automatic sliding cover feature allows user-friendly access, making it more convenient.
- **Low Battery Indicator**
  Replace batteries when a 'beep' sound is heard during door access.
- **User-friendly Accessibility**

User Access Code

Biometric Access System

Mechanical Override Keys

Enhanced Safety

- **Double Authorization Mode/Both Fingerprint and User Access Code**
  With double authorization mode set up, both user access code and fingerprint must be authenticated to open the door, strengthening security.

- **Fingerprint Marks are No Longer a Concern.**
  User access code will be pressed after press two random numbers, preventing intruders from checking the fingerprint marks left.

2 random numbers appear before entering user access code

Press the user access code

Impossible to guess user access code due to random fingerprint marks

- **One Button-One Touch / Anti-theft Setup**
  When leaving, the user can set up the anti-theft function by simply pressing button, preventing any tempering by creating a warning sound.

Body Part Names

Specifications

Fingerprint	Capacity	Maximum 100 Fingerprints
	Method	Optical
	FRR	0.01%
	FAR	0.001% or Less
	Verification Time	Less than 1 Second
Access Code	Capacity	1 Master Access Code 10 User Access Code
	Combination	4~12 Digit Number Combination
Size		Outer body : 3.2X12.5X3.0 inch(WXHXD) Inner body : 3.1X11.0X3.2 inch(WXHXD)
Door Thickness		1.5~2.1 inch(More than 2.1 inch is option)
Material		Zinc, Aluminum, ABS Plastic
Temperature		-20℃~+60℃
Humidity		90%
Power		DC 6V (AA Alkaline Batteries) x 8
Duration(battery)		The battery duration is about 10 months (Average 10 Accesses / 1 Day)
Packing Box Size		11.7X14.5X4.0 inch(WXHXD)

SEOUL COMMTECH CO., LTD.
MEMBER OF SAMSUNG
http://www.scommtech.com/en
Tel +82-2-2225-6709 Fax +82-2-2225-6073 E-mail sales.ezon@samsung.com

Copyrights (c) 2010 SEOUL COMMTECH CO.,LTD All right reserved.

Creating new definition of security with innovative design

Home Systems EZON

01 User-friendly accessibility

User Access Code

RF Card

RF Key tag

override

02 Increase your security with a Multi-leveled security code entry

2 random numbers appear before you enter the user access code in order to stop copycat entries and prevent fingerprint tracing.

Press the activate button

Press the displayed numbers in any order

Keypad will display all numbers

Enter your user access code

03 Safety & convenience

Enhanced security
Physical jolts, unauthorized user access code or cards activate the alarm

Weather resistant body
The circuit board is water-proof

Remote control
Please contact one of our trained technicians for remote control function(option)

Low battery indicator(alarm&light)
Lets you know when it is time to change batteries.

Emergency access
Jump start the lock with a 9V battery for instant power

Inner body structure

Section	SHS-6020
Key type	Smart card (13.56MHz RF chip/A Type), User access code
User capacity (Maximum)	20 Card Keys
User access code combination	5~12 Digit number combination
Compatible door depth	1.5~2.4 (inch)
Material	Aluminium, Polycarbonate+Glass fiber, and acrylate
Humidity	20%~80%
Power	DC 6V (AA Alkaline batteries) x8
Battery lifetime	Approximately 12 months (average use-10 times a day)
Product size	Outer body : 3.1X12.2X2.8 inch (WXHXD) Inner body: 3.1X11.4X3.1 inch (WXHXD)
Package size	11.8X14.5X3.9 inch (WXHXD)

SEOUL COMMTECH CO., LTD.
MEMBER OF SAMSUNG
http://www.scommtech.com/en

448-11, Seongnae3-Dong, Kangdong-Ku, Seoul, Korea 134-033
Tel +82-2-2225-6709 Fax +82-2-2225-6073 E-mail sales.ezon@samsung.com

Copyrights (c) 2010 SEOUL COMMTECH CO.,LTD All right reserved.

Home Systems
EZON

The world's First "Random Security Coding" for Added Security

01 Random Security Coding

When you touch the door lock, 2 random numbers will flash on the keypad. After touching the random numbers, you can enter your own password. This innovative technology is for double security.

touch the panel slightly

touch the 2 random numbers

all numbers appear

enter your password

SHS-3420
Color : Black
Outbody : 68.7X175.1X21.5 (WxHxD) mm
Inbody : 180.7X91.5X48 (WxHxD) mm
Battery : 1.5V(AA) X 4EA

02 Methods of Entry

Password
The 5-12 digit password can be modified anytime

Smart Card
Credit cards or other cards that contain a smart chip

RF key tag
Place a key tag that contains a Mifare ISO14443 chip on the card reader.

03 Enhanced Features

Slim, digital keypad for your convenience / Does not require opening and closing of keypad cover.

Special high-gloss coating / It has a slick lustrous and graceful frame and number pad.

Digital Wave back-lighting / On-off method with back lighting is very sensitive and fantastic for your enjoyment.

Electrostatic Discharge (ESD) prevention / Uses a circuit technology that can withstand high voltage eletrostatic shocks for enhanced security.

Double-locking (Do not disturb mode) / Ensures that the lock cannot be released from outside when this feature is activated.

Manual lock and open / Adjust a manual knob on the indoor unit to open and lock the door.

Emergency external battery terminal

KS and KPS certified / Complies with quality and safety standard tests.

04 Specifications

Key Type	RF Card(13.56MHz RF chip/A Type) & PIN	Humidity	20% ~ 80%
User Capacity(Maximum)	20 Cards / 1 PIN combination	Power	DC 6V(Alkaline AA Battery 4pcs)
Password combination	5~12 Digits number combination	Battery lifetime	12 months(average of 10 uses per day)
Applicable door depth	40~60(mm)	Package size	208x260x85(mm:WxHxD)
Material	Zn, Al, ABS plastic		

Home Systems
EZON

Touch the Pride

EZON Digital Door Lock
Slim & Touch SHS-5110/5120

Home Systems
EZON

Touch key type **SHS-5110**
Smart card type **SHS-5120**

Color : Black
Outbody : 82X299X20(WXHXD)mm
Inbody : 78X318X31(WXHXD)mm

The slimmest, the most elegant

01 Methods of Entry

Password
The 5-12 digits password can be modified anytime (5110/5120)

Smart Card
Credit cards or other cards that contain a smart chip (5120)

RF key tag
Place a key tag that contains Mifare ISO14443 chip on the card reader.(5120)

Touch Key
Password is automatically decoded and re-encoded whenever a semi-conductor key placed on the reader (5110)

02 Enhanced Features

Digital touch keypad
gently brush the number screen with your finger to activate system.

Slim and sleek styling
unique look and exclusive design raise the standard of how the door lock looks and feels.

Anti-panic exit system
allow you to open the door just by turing the handle once from inside.

Electrostatic Discharge (ESD) prevention
use a circuit technology that can withstand high voltage eletrostatic shocks and hence enhance stability.

Selectable auto and manual locking mode

Burglar alarm & Fire detection sensor

Double-locking (Do not disturb mode)
ensure security not being disturbed from outside when this feature is activated.

KS and KPS certified
comply with quality and safety standard tests.

PSB Fire Tested

Emergency external battery terminal

Emergency mechanical Key

03 Specifications

Section	SHS-5120 / SHS-5110
Key Type	SHS-5120 : Smart Card(13.56MHz RF chip/A Type) & PIN
	SHS-5110 : Touch key(Code Hopping) & PIN
User Capacity (Maximum)	SHS-5120 : 20 Card Keys / 1 Number combination
	SHS-5110 : 20 Touch Keys / 1 Number combination
Password combination	5~12 Digits number combination
Applicable door depth	40~60(mm)
Material	Zn, Al, ABS plastic
Humidity	20% ~ 80%
Power	DC 6V(Alkaline AA Battery 8pcs)
Battery lifetime	about 10 months(ten times per day)
Package size	297x366x120mm(WxHxD)

Home Systems
EZON

SAMSUNG

Your Security Digitalized

reddot design award
winner 2010

SHS-6020 | Touch keypad technology / Innovative design / Enhanced security

Creating new definition of security with innovative design

Home Systems EZON

01 User-friendly accessibility

User Access Code

RF Card

RF Key tag

override

02 Increase your security with a Multi-leveled security code entry

2 random numbers appear before you enter the user access code in order to stop copycat entries and prevent fingerprint tracing.

Press the activate button

Press the displayed numbers in any order

Keypad will display all numbers

Enter your user access code

03 Safety & convenience

Enhanced security
Physical jolts, unauthorized user access code or cards activate the alarm

Weather resistant body
The circuit board is water-proof

Remote control
Please contact one of our trained technicians for remote control function(option)

Low battery indicator(alarm&light)
Lets you know when it is time to change batteries.

Emergency access
Jump start the lock with a 9V battery for instant power

Inner body structure

Section	SHS-6020
Key type	Smart card (13.56MHz RF chip/A Type), User access code
User capacity (Maximum)	20 Card Keys
User access code combination	5~12 Digit number combination
Compatible door depth	1.5~2.4 (inch)
Material	Aluminium, Polycarbonate+Glass fiber, and acrylate
Humidity	20%~80%
Power	DC 6V (AA Alkaline batteries) x8
Battery lifetime	Approximately 12 months (average use-10 times a day)
Product size	Outer body : 3.1X12.2X2.8 inch (WXHXD) Inner body: 3.1X11.4X3.1 inch (WXHXD)
Package size	11.8X14.5X3.9 inch (WXHXD)

SEOUL COMMTECH CO., LTD.
MEMBER OF SAMSUNG
http://www.scommtech.com/en

448-11, Seongnae3-Dong, Kangdong-Ku, Seoul, Korea 134-033
Tel +82-2-2225-6709 Fax +82-2-2225-6073 E-mail sales.ezon@samsung.com

Copyrights (c) 2010 SEOUL COMMTECH CO.,LTD All right reserved.

Home Systems
EZON

Who is it?

The Lock Knows Who Opens

SAMSUNG
Fingerprint Digital Door Lock

SHS-5230

SAMSUNG Fingerprint Digital Door Lock SHS-5230

Home Systems EZON

Convenient Features

- **Wide Touch Pad Screen**
- **Automatic Sliding Cover**
  The automatic sliding cover feature allows user-friendly access, making it more convenient.
- **Low Battery Indicator**
  Replace batteries when a 'beep' sound is heard during door access.
- **User-friendly Accessibility**

User Access Code

Biometric Access System

Mechanical Override Keys

Enhanced Safety

- **Double Authorization Mode/Both Fingerprint and User Access Code**
  With double authorization mode set up, both user access code and fingerprint must be authenticated to open the door, strengthening security.

- **Fingerprint Marks are No Longer a Concern.**
  User access code will be pressed after press two random numbers, preventing intruders from checking the fingerprint marks left.

2 random numbers appear before entering user access code

Press the user access code

Impossible to guess user access code due to random fingerprint marks

- **One Button-One Touch / Anti-theft Setup**
  When leaving, the user can set up the anti-theft function by simply pressing button, preventing any tempering by creating a warning sound.

Body Part Names

Specifications

Fingerprint	Capacity	Maximum 100 Fingerprints
	Method	Optical
	FRR	0.01%
	FAR	0.001% or Less
	Verification Time	Less than 1 Second
Access Code	Capacity	1 Master Access Code 10 User Access Code
	Combination	4~12 Digit Number Combination
Size		Outer body : 3.2X12.5X3.0 inch(WXHXD) Inner body : 3.1X11.0X3.2 inch(WXHXD)
Door Thickness		1.5~2.1 inch(More than 2.1 inch is option)
Material		Zinc, Aluminum, ABS Plastic
Temperature		-20℃~+60℃
Humidity		90%
Power		DC 6V (AA Alkaline Batteries) x 8
Duration(battery)		The battery duration is about 10 months (Average 10 Accesses / 1 Day)
Packing Box Size		11.7X14.5X4.0 inch(WXHXD)

SEOUL COMMTECH CO., LTD.
MEMBER OF SAMSUNG
http://www.scommtech.com/en
Tel +82-2-2225-6709 Fax +82-2-2225-6073 E-mail sales.ezon@samsung.com

Copyrights (c) 2010 SEOUL COMMTECH CO.,LTD All right reserved.

Touch the Pride

EZON Digital Door Lock
Slim & Touch SHS-5110/5120

Samsung Ezon

Home Network

Security

Best Design

Ubiquitous

Home Systems
EZON
SHS - 5120

Touch key type **SHS-5110**
Smart card type **SHS-5120**

Color : Black
Outbody : 82x299x20(WxHxD)mm
Inbody : 78x318x31(WxHxD)mm

The slimmest, the most elegant

01 Methods of Entry

Password
The 5-12 digits password can be modified anytime (5110/5120)

Smart Card
Credit cards or other cards that contain a smart chip (5120)

RF key tag
Place a key tag that contains Mifare ISO14443 chip on the card reader.(5120)

Touch Key
Password is automatically decoded and re-encoded whenever a semi-conductor key placed on the reader (5110)

02 Enhanced Features

Digital touch keypad
gently brush the number screen with your finger to activate system.

Slim and sleek styling
unique look and exclusive design raise the standard of how the door lock looks and feels.

Anti-panic exit system
allow you to open the door just by turing the handle once from inside.

Electrostatic Discharge(ESD) prevention
use a circuit technology that can withstand high voltage eletrostatic shocks and hence enhance stability.

Selectable auto and manual locking mode

Burglar alarm & Fire detection sensor

Double-locking(Do not disturb mode)
ensure security not being disturbed from outside when this feature is activated.

KS and KPS certified
comply with quality and safety standard tests.

PSB Fire Tested

Emergency external battery terminal

Emergency mechanical Key

03 Specifications

Section	SHS-5120 / SHS-5110
Key Type	SHS-5120 : Smart Card(13.56MHz RF chip/A Type) & PIN
	SHS-5110 : Touch key(Code Hopping) & PIN
User Capacity (Maximum)	SHS-5120 : 20 Card Keys / 1 Number combination
	SHS-5110 : 20 Touch Keys / 1 Number combination
Password combination	5~12 Digits number combination
Applicable door depth	40~60(mm)
Material	Zn, Al, ABS plastic, Tempered Glass
Humidity	20% ~ 80%
Power	DC 6V(Alkaline AA Battery 8pcs)
Battery lifetime	about 10 months(ten times per day)
Package size	297x366x120mm(WxHxD)

Home Systems

EZON

SHS - 7120

Beyond Security

Samsung Digital Lock for Office Security & Access Control : SHS-7020/7120

Samsung's Security system provides for your home and office the ultimate protection with convenience and style

Samsung Ezon

Home Network

Security

Best Design

Ubiquitous

Unique style and exclusive design raise the standard of how door locks should look and feel.

01 Methods of Entry

1. User access code

- Support 250 user codes (4~12 digit codes with security random coding) and/or RFID/HID cards/keyfobs (RFID - 7020 & HID Prox. - 7120)
- Digital touch control keypad with a regulated voltage touch technology

User selectable random security coding

- When the wakeup button is pressed, 2 random numbers will be displayed on the keypad. The random numbers must be pressed prior to entering a PIN code.(Optional user feature)

Press the wakeup button

Press the displayed numbers in any order

Keypad will display all numbers

Enter your PIN code

2. RFID or HID Proximity card

- Built-in RFID (SHS-7020) or HID Prox. (SHS-7120) reader module supports card/keyfobs access

3. Mechanical override keys

- Mechanical key can be used to access the lock during power failure (dead batteries) or electrical malfunction

02 Event Management & Access Control

Audit trail & PC programming (Optional)

- Time & date stamped 5,000 events (audit trail) can be downloaded via USB data port using a cable
- Ability to program at the lock or through a PC-based software (quick and easy user enrollment/data transfer with the proprietary software)

Multi-level user program

- Supports : 1 master, 10 administrators, 240 regular users & 1 single access code
- Program/delete group or individual access entry times, time zoning
- On/off passage mode

03 Enhanced Safety

Higher security

Five consecutive attempts to access the system with unauthorized user codes or card will activate the alarm and the keypad will lock for three minutes.

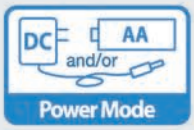
Electro Static Discharge (E.S.D) prevention

Protects circuit board from the damages incurred from high voltage shock.

Vandal & weather resistant body

Equipped with pry alarm and false attempts alarm. Suitable for indoor and outdoor installation.

04 Convenient Features



Supported by battery power or DC power

When DC power is down, batteries are used as a backup power

Emergency battery terminal

Temporarily jump starts the lock with 9V battery

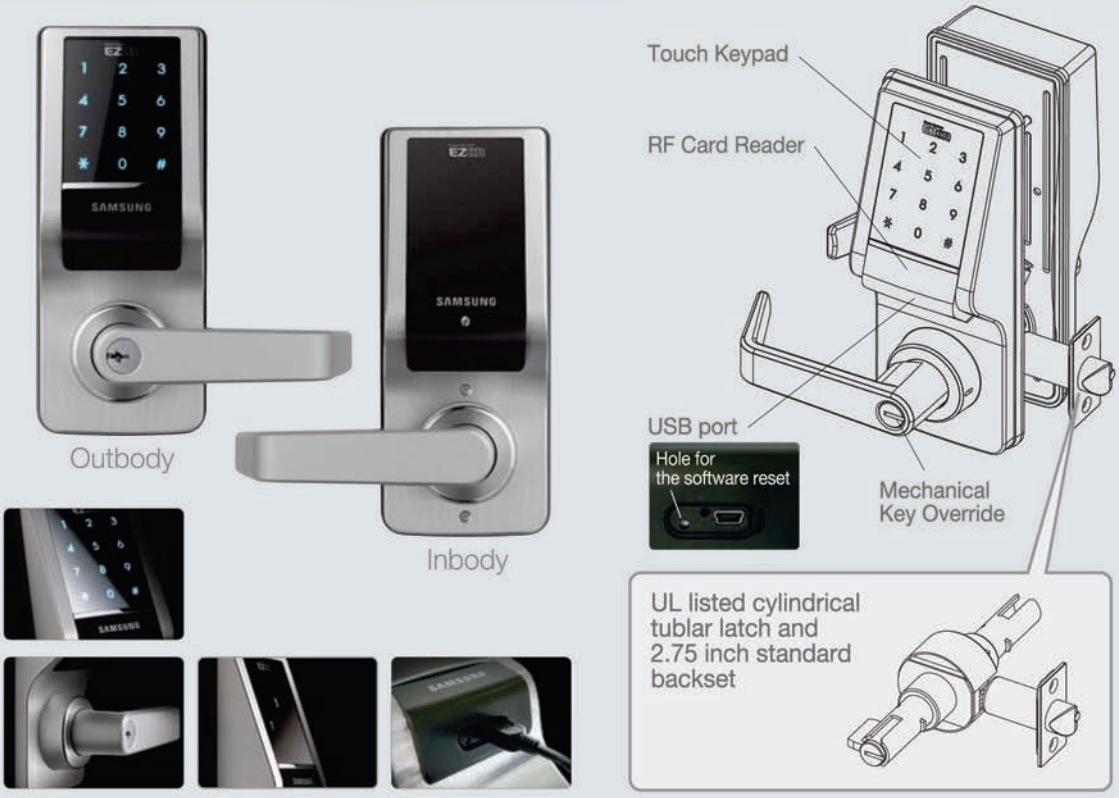
Keypad volume control

Option of muting or 4 volume levels

Low battery warning signal

Replace batteries when a "beep" sound is heard during door access

Structure



Specifications

Product	RF Card	**Module type** - **SHS-7020** : RFID (ISO14443A / 13.56MHz RF chip) - **SHS-7120** : Compatible with most HID Proxcards® and Proxkey® keyfobs (37 bites or less) **Capacity** : Max. 250 (when in use of RF card only)
	PIN Code	**Combination** : 4~12 Digits number combination **Capacity** : Max. 250 (when in use of PIN code only)
	Mechanical override keys	3ea (UL listed)
	Material	**Outbody** : Zn, ACRIL, PC (Polycarbonate) **Inbody** : Zn, PC
	Working temperature	-21°F(-30°C) ~ +140°F(+60°C)
	Power	- DC 12V - Alkaline AA Battery 5pcs - Lifetime : about 12 months (twenty times per day)
	Size (outbody & inbody)	3.38×8.74×2.71 inch (W×H×D) (include the lever) 86×222×69 mm (W×H×D) (include the lever)
Installation	Backset size	2.75 inch (70mm)
	Hole size	2.12 inch (54mm)
	Lock set	Latch bolt cylinder type (UL listed & Grade 1)
	Applicable door thickness	1.37~1.73 inch (35~44mm)

Home Systems
EZON
SHT - 3005

The style you have desired, the safety you have dreamed

New Color TFT-LCD Video Door Phone SHT-3005

There are things just right for you who deal only the best. From house, car, even to pen... each and every thing should signify your nobility. So, to you, we present a blue illuminator video door phone. EZON video door phone will make your living room a ennobled space.

Samsung Ezon | Home Network | Security | Best Design | Ubiquitous

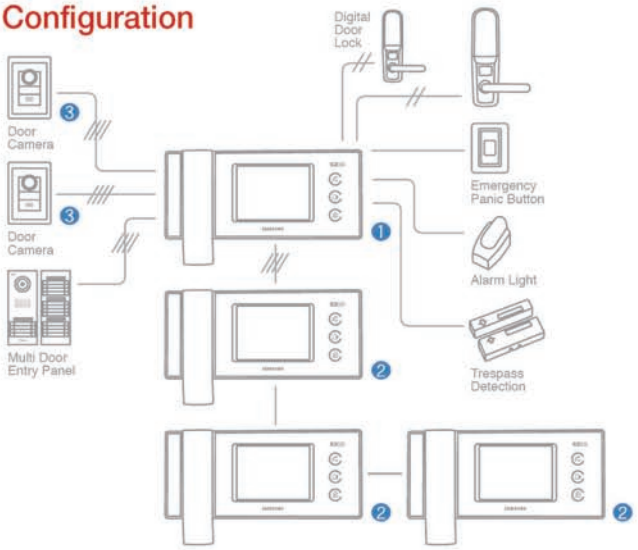
EZON's video door entry system brings advanced innovative technology direct to your home and office. Simple installation and high performance means you need look no further to find the ideal video door entry solution.

Feature

- Superior 5 inches color TFT-LCD screen
- Expandable up to 4 monitors and 3 door cameras
- Intercom features between video monitors
- Convenient touch pad control : first video door phone with sensitive blue icons
- Brightness and volume controls with OSD menu
- Remote door release function : optional electric strikers needed
- Emergency alarm will activate in the event of intrusion detection by magnetic door sensor
- 32 cuts picture memory : door cameras take photo of visitors in your absence and you can playback the image. (model #. SHT-3005XR)
- Real-time video monitoring in each door camera's front view
- Camera angle adjustable (model #. SHT-CN510)

Color TFT LCD | Intercom | Touch Screen | Security | Expandable

Configuration



Design

For users who enjoy cutting-edge style, the new SHT-3005 offers a sleek and stylish black wide mirror screen and stunningly slim 40mm. It also has side accents in metallic silver lend a subtle sophistication to the fashion phone. At the same time, the curved handset is designed for a grip that feels good in your hand. Its modern and elegant design concept and user-friendly blue illuminators put this model as a design triumph.

Specifications

Mode	SHT-3005
Power	AC 110V~ 220V°±20%, 50/60Hz
Power Consumption	20W
Display	5" TFT-LCD Color
Wiring	4 wires
Dimension	275(W) x 125(H) x 40(D)mm
Weight	1.2 kg
Installation	Wall mounting type

Mode	SHT-CN510
Power	DC 12V from Monitor
CCD	1/3" Color 270K pixels
Dimension	92(W) x 136(H) x 12(D)mm
Installation	Flush mounting type

Model

SHT-3005XA	Main Monitor with Camera kit (❶+❸)
SHT-3005XM	Main Monitor (❶)
SHT-3005EA	Sub Monitor with Camera kit (❷+❸)
SHT-3005EM	Sub Monitor (❷)
SHT-3005XR	Main Monitor (Picture Memory) with Camera kit (❶+❸)
SHT-CN510	Camera (❸)

Thanks! My family is secured

Provides ultimate protection with enhanced security system(home communication, Anti-burglary mode)

SHT-7171

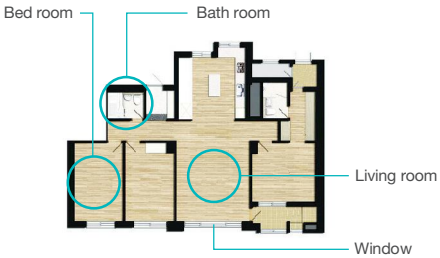
Home Systems
EZON

SAMSUNG Video intercom system SHT-7171

Home Systems EZON

Features

- Applicable to Apartments and Complexes (Max. 1,200 households)
- Wall mounting Installation : Easy installation
- Reinforced Security
  - Intrusion Detectors (Magnetic Sensor) can be installed anywhere in the room.
  - If the Main Monitor's power is shut down, the emergency alarm is designed to trigger automatically. The signal is sent to the security office guardroom or administration office. This is to prevent unlawful intrusion into the house after cutting off electricity supply.

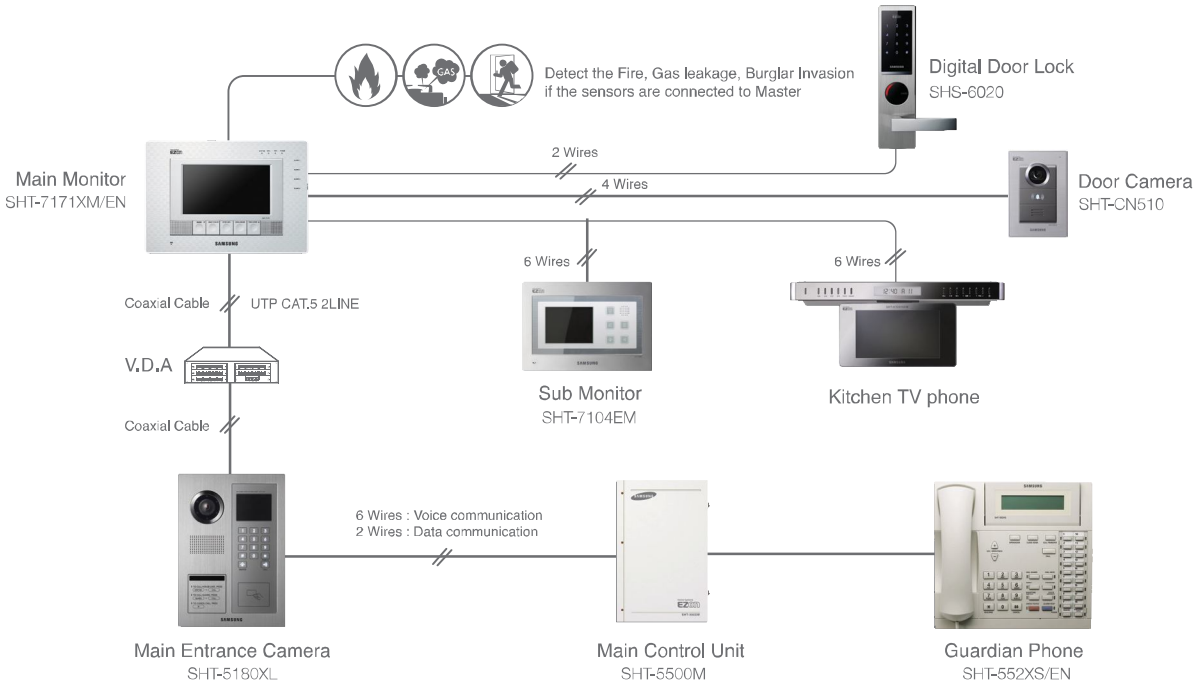


(Magnetic Sensor : 4 port)

Function

- Video Door Monitoring & Answering
- Access control (Porch & main entrance door)
- Anti-burglary mode while you are away
- Telephone call to guardroom
- Interlocking with security detectors (Fire, Gas, Burglar)
- Interlocking with sub monitors and sub audio Handset

Configuration



*Scalable up to 2 Sub Monitors and 1 Door Camera

Product Components

Main Monitor	SHT-7171XM/EN
Main Entrance Camera	SHT-5180XL
Sub monitor(Max. 2ea)	SHT-7104EM
Door Camera	SHT-CN510
Main Control Unit	SHT-5500M
Guardian Phone	SHT-552XS/EN

Specifications

Model	SHT-7171XM/EN
Power	AC 110~220V(50/60Hz)
Power consumption	Max. 8W
Display	7" Wide Color TFT LCD
Wiring	Camera : 4 wires / Slave & Sub : 6 wires
Video Signal	PAL / NTSC
Weight	1,074g
Dimensions	297 x 207 x 35mm(W x H x D)
Installation	Wall-mounted

SEOUL COMMTECH CO., LTD.

Member of SAMSUNG

448-11, Seongnae3-Dong, Kangdong-Ku, Seoul, Korea 134-033
Tel +82-2-2225-6709 Fax +82-2-2225-6073
E-mail sales.ezon@samsung.com Homepage http://www.scommtech.com/en

* Photos and information in this products catalog would be subject to change without notice.

Home Systems

EZON

SHT - 3305

"The visitor's image is being recorded"

Imagine the ultimate home security that the latest 'EZON Video doorphone' with a built-in image memory offers. **SHT-3305**

Samsung Ezon

Home Network

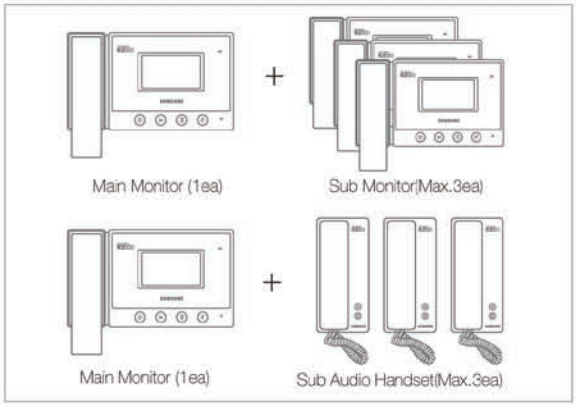
Security

Best Design

Ubiquitous

Features

- **Expansion**
  Expandable up to 1 main monitor plus 3 sub monitor or audio handsets.

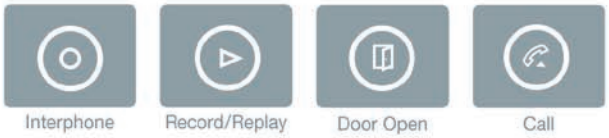


- **Digital Color LCD**
  Image quality is better than Analog LCD

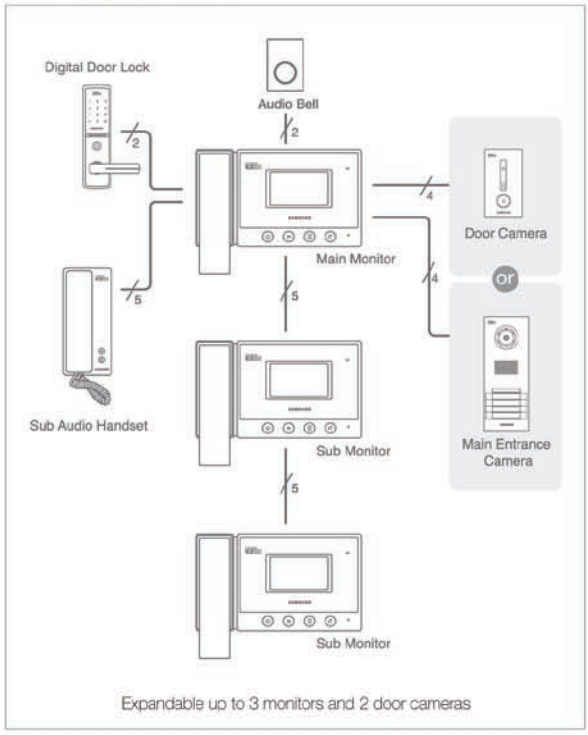
- **Saving Visitor's Image Automatically**
  Visitor's image can be recorded when No one answer the call (up to 128cuts)

Function

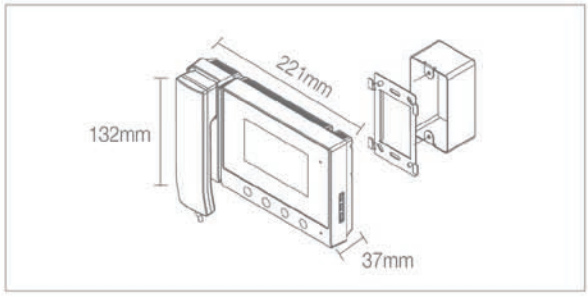
- Door answering & monitoring
- Door Lockset release(common gate, porch etc)
- Handset & handsfree communication
- Volume & brightness control
- Intercommunication available between a video monitor and a sub audio handset



Configuration



Mounting Diagram



Model

SHT-3305XM/AU	Main Monitor	DC Adaptor power
SHT-3305XM/EN	Main Monitor	AC power
SHT-CP611/EN	Door Camera	-
SHT-CP611E/EN	Door Camera	Direct function with Door Lockset
SHT-IPE200/EN	Sub Audio Handset	-

Specifications

Model	SHT-3305
Power	AC 110~220V (50/60Hz)
Display	4.3 Color Digital LCD
Dimensions	221x132x37mm (WxHxD)
Weight	1.2kg

Model	SHT-CP611
Power	AC 110~220V (50/60Hz)
Video Signal Scanning Method	PAL / NTSC type
Dimensions	74x133x10mm (WxHxD)
Weight	180g